

ABSTRACT

A process for the pneumatic splicing of threads or yarns containing an elastomer or with a high torque
5 comprises at least the following phases: introduction into a splicing chamber (11, 110) of a splicer (10, 100) of threads (12, 15) to be joined to each other; withholding by friction of the thread-ends (12, 15) by means of friction elements or devices (27, 20, 21)
10 close to or inside the splicing chamber (11, 110); cutting of the thread-ends (12, 15); opening of the thread-ends (12, 15) cut by means of preparation units (22, 23); pulling of the cut and opened thread-ends (12, 15) in the direction of the junction chamber (11, 110);
15 expulsion of the threads and contemporaneous entry of one or more jets of compressed air into the chamber (11, 110) to effect the splicing of the thread-ends (12, 15) and releasing of the spliced thread with the return of all the units of the splicing device (10, 20 100) to their initial position. The invention also relates to a device for the embodiment of said process.